

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Bailey et al

App. No.:

10/666,527

GPAU:

1722

Filing Date:

18 Sept 2003

Examiner:

Emmanuel S. Luk

Dkt. No.:

PA51-22-02

Conf. No.:

5895

For:

Imprint Lithography Templates Having Alignment Marks

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The following information is submitted in compliance with Applicants' duty of disclosure and pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98. The undersigned brings the patents, publications, applications or other information identified in the attached Form(s) PTO/SB/08A to the Examiner's attention in the above-identified application. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed during the period specified in § 1.97(c). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown below.

Further, Applicants believe it to be prudent for the Examiner to review the document numbers of each cited reference such that many cited references have substantially similar, if not identical document numbers associated therewith. Further, Applicants also believe it be prudent to view the English translation abstracts, if provided, along with the figures associated with each cited reference.

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77/03/2006 HDESTA1 00000058 502650 1066

Number 502650. Applicants do not believe that any additional fees are due, but if the Commissioner believes additional fees are due, the Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 502650.

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Date: Jon 26, 70%

Respectfully Submitted,

Michael D. Carter Reg. No. 56,661

Registered Patent Agent

Legal Department
Molecular Imprints, Inc.

P.O. Box 81536 Austin, TX 78758-1536

(512) 339-7760

(512) 491-8918 (fax)

PTO/SB/08A (08-03) Approved for use through 7/31/2006. OMB 0651-0031

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Subst	Substitute for form 1449A/PTO				Complete if Known		
	INFO	RMATIO	N DISCLOS	SURE	Application Number	10/666,527	
			BY APPLIC		Filing Date	18 Sept 2003	
					First Named Inventor	Bailey et al	
	(use as	many shee	ets as necessar	v)	Group Art Unit	1722	
				,,	Examiner Name	Emmanuel S. Luk	
Sheet	-	1	of	4	Attorney Docket Number	PA51-22-02	

				U.S. PATENT DOCUMEN	TS	
Examiner Initials*	Cite No.1	U.S. Patent Document Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
I	1 =4	0000/0400004	T	05:44-1	9/25/2003	
	E1	2003/0180631	A1	Shiota et al.	9/25/2003	
	E2	6,664,026	B2	Nguyen et al.	12/16/2003	
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	E11	6,605,849	B1	Lutwak et al.	8/12/2003	
_	E12	6,607,173	B2	Westmoreland	8/19/2003	
	E13	7,037,639	B2	Voisin	5/2/2006	
	E14	2006/0096949	A1	Watts et al.	5/11/2006	
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****	ATEMENT E			Filing Date	18 Sept 2003		
			First Named Inventor	Bailey et al			
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Sheet	2	of	4	Attorney Docket Number	PA51-22-02		

OTHER PRI	OR ART	- NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	E15	Translation of Japanese Patent 61-40845, 2/1/1986	
	E16	Translation of Japanese Patent 02-248480, 10/1/1990	
	E17	Translation of Japanese Patent 03-090345, 4/1/1991	
	E18	Translation of Japanese Patent 09-278490, 10/1/1997	
·	E19	Abstract of Japanese Patent 03-090345, 4/1/1991	
	E20	Abstract of Japanese Patent 09-278490, 10/1/1997	
	E21	BIEN ET AL., Characterization of Masking Materials for Deep Glass Micromachining, J. Micromech. Microeng. 13 pp. S34-S40 1/1/2003	
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	E23	FLETCHER ET AL., Microfabricated Silicon Solid Immersion Lens, Jounral of Microelectromechanical Systems, Vol. 10, No. 3 9/1/2001	

Examiner	Date	
Signature	Considered	

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Substitute f	or form 1449A/F	ग०		Complete if Known		
IN	FORMATION	DISCLOSU	RE	Application Number	10/666,527	
	TATEMENT B			Filing Date	18 Sept 2003	
				First Named Inventor	Bailey et al	
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(4.	c as many sneed	as necessary)	Examiner Name	Emmanuel S. Luk		
Sheet	3	of	4	Attorney Docket Number	PA51-22-02	

OTHER PRI	OR ART	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	E24	KHANDAKER ET AL., Fabrication of Microlens Arrays by Direct Electron Beam Exposure of Photoresist, Pure Appl. Opt. 6, pp. 637-641 1/1/1997	
	E25	KIM ET AL., Replication Qualities and Optical Properties of UV-moulded Microlens Arrays, J. Phys. D: Appl. Phys. 36; pp. 2451-2456 1/1/2003	
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	E28	KUNNAVAKKAM ET AL., Low-cost, Low-loss Microlens Arrays Fabricated by Soft-Lithography Replication Process, Applied Physics Letters, Volume 82, Number 8 2/24/2003	
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	E30	WAHEED ET AL., Balancing Aerial Image Intensity for Alternating Aperture Phase Shift Masks Using an Isotropic Dry-Etch, Proceedings of SPIE Vol. 5130 4/18/2003	
	E31	SANO ET AL., Submicron Spaced Lens Array Process Technology for a High Photosensitivity CCD Image Sensor, IEEE IEDM Dig.; pp. 283-286 1/1/1990	
	E32	TSUKAMOTO ET AL., High Sensitivity Pixel Technology for a 1/4 inch PAL 430k pixel IT-CCD, IEE Custom Integrated Circuits Conference 1/1/1996	

Examiner	Date	
Signature	Considered	

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Substitute for	form 1449A/F			Complete if Known		
INF	ORMATION	DISCLOSU	RE	Application Number	10/666,527	
	ATEMENT B			Filing Date	18 Sept 2003	
				First Named Inventor	Bailey et al	
luse	as many sheets	as necessary)		Group Art Unit	1722	
(,,		Examiner Name	Emmanuel S. Luk	
Sheet	4	of	4	Attorney Docket Number	PA51-22-02	

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Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²						
	E33	YONEDA ET AL., Translation of Japanese Patent 02-248480, Transparent Substrate with Water-Repellent and Antistaining Properties, and Structure Equipped Therewith 10/4/1990							
	E34	YONEDA ET AL., Translation of Japanese Patent 02-248480, Transparent Substrate Material with Water-Repllent and Anti-Staining Properties and Structure Equipped with Same 10/4/1990							

Examiner Signature	Date Considered	

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